Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 22 Jun 2023 until 23:59 on Friday 23 Jun 2023

Forecast Issued on Wednesday 21 Jun 2023 at 17:09

Confidence: High confidence in the general outlook with mainly dry and increasingly warm or very warm and humid conditions towards the weekend. Confidence is moderate for any shower detail and timing and position of rain bands on Friday and Sunday.

Headline for Thursday 22 Jun 2023: Mainly fine and dry. A few showers developing, these locally heavy and perhaps thundery.

Mountain weather hazards on Thursday 22 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Light rain showers	Heavy rain showers	Light rain showers	Sunny intervals
Precipitation probability							
00%	00%	00%	<05%	30%	40%	30%	10%

Forecast for Thursday 22 Jun 2023

Weather: A largely dry and sunny morning, perhaps with a few mist patches in valleys first thing, but these quickly clearing. Scattered cloud developing again by late morning with a chance of showers into the afternoon. Showers could locally become thundery, but many hills should remain dry. Showers easing during the evening.

Chance of cloud-free hill tops above 600m: 95%

Low cloud and visibility: Any cloud that builds is expected to remain above the summits. Very good visibility in general, but locally moderate to poor in afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 22 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/5 NW	5/7 NE	7/11 NE	6/9 NE	5/9 N	5/9 N	6/10 NE	8/12 E	7/9 S
300	4/5 NE	3/6 NE	4/9 NE	4/7 NE	4/8 N	4/8 NE	5/8 N	5/10 E	4/7 S
Valley	2/4 NE	2/5 NE	5/10 NE	5/8 NE	4/8 N	5/9 NW	4/9 N	5/10 NE	3/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/14	14/13	14/12	15/14	16/16	18/17	17/16	15/14	14/13
300	16/16	15/15	16/15	18/18	19/19	21/20	20/20	17/16	15/15
Valley	15/15	14/14	16/16	19/18	21/21	22/21	20/20	18/17	16/16
Freezing Level*	2700m	2600m	2600m	2600m	2600m	2700m	2700m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be very high so adequate sun protection is required. Although most places will be dry, there is still a chance to be caught by a heavy, thundery shower in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 21 Jun 2023	0.6mm	8mm	23.6mm

Forecast for Friday 23 Jun 2023

Weather: A fine, dry and fairly bright morning, but with a strengthening breeze. Cloud thickening by the afternoon, perhaps to bring a some outbreaks of mainly light rain, generally across the west of the area. There is a low risk of more persistent, heavier rain or drizzle developing towards the end of the day.

Maximum wind: Southwesterly 15-20mph, with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 95% at first, lowering to 60% in the west, 80% in the east.

Low cloud and visibility: Cloud generally above hills, but some patches of low cloud possible, mainly in the west to 500-600m during rainfall in the afternoon. There is a low risk of more widespread cloud lowering to around 400m in the west in association with any more persistent rain or drizzle. Visibility generally very good, but becoming moderate and perhaps locally poor in any rain or drizzle later.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 22 Celsius.
At 600m: Plus 13 Celsius rising to Plus 17 Celsius.
Freezing level: Above summits.

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